



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Stephen Grimes et al. Art Unit : 1641  
Serial No. : 10/813,336 Examiner : Foster, Christine E.  
Filed : March 29, 2004 Conf. No. : 5110  
Title : GASTRIN HORMONE IMMUNOASSAYS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REVOCATION AND NEW POWER OF ATTORNEY BY ASSIGNEE**

Revoking any and all powers of attorney and authorizations of agent heretofore made in respect of the above-captioned patent application, the Assignee of the entire interest in this patent application hereby appoints the following as its attorneys, with full power of substitution and revocation, to prosecute the application and to transact all business in the Patent and Trademark Office connected therewith:

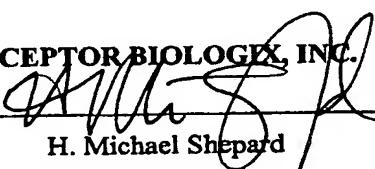
STEPHANIE SEIDMAN, Registration No. 33,779;  
FRED C. HERNANDEZ, Registration No. 41,832,  
PAULA K. SCHOENECK, Registration No. 39,362  
SCOTT C. HARRIS, Registration No. 32,030.

Address all correspondence regarding this patent application to:  
20985

FISH & RICHARDSON P.C.  
PO BOX 1022  
MINNEAPOLIS, MN 55440-1022

Direct all telephonic inquiries to Stephanie Seidman, Registration No. 33,779 at telephone no. (858) 678-5070.

Date: 8/11/2006

RECEPTOR BIOLOGIX, INC.  
By:   
H. Michael Shepard  
Title: President & Chief Scientific Officer

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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**CERTIFICATE UNDER 37 CFR § 3.73 (b)**

Dear Sir:

**RECEPTOR BIOLOGIX, INC.**, a corporation organized under the laws of the state of Delaware, United States of America, having a place of business at 1140 Veterans Blvd., Suite A, South San Francisco, CA 94080, is an Assignee of the entire right, title, and interest in the above-captioned patent application by virtue of:

A chain of title from the inventors of the patent application identified above, to the current assignee as shown below:

1. From **Stephen Grimes** to **Aphton Corporation** recorded in the Patent and Trademark Office at Reel 015465, Frame 0812 on December 15, 2004.
2. From **John Little and Lorraine McLoughlin** to **Huntingdon Life Sciences Limited** recorded in the Patent and Trademark Office at Reel 015465, Frame 0775 on December 15, 2004.
3. From **Huntingdon Life Sciences Limited** to **Aphton Corporation** recorded in the Patent and Trademark Office at Reel 015465, Frame 0787 on December 15, 2004.
4. From **Aphton Corporation** to **Receptor Biologix, Inc.**, an assignment executed on August 8, 2006 and August 10, 2006, referencing application serial number 10/813,336.

A copy of the Patent Assignment Abstract of Title for application serial number 10/813,336, as well as a copy of the executed assignment from Aphton Corporation to Receptor Biologix, Inc. are attached.

Applicant : Stephen Grimes et al.  
Serial No. : 10/813,336  
Filed : March 29, 2004  
Page : 2 of 2

Attorney's Docket No.: 17118-052001 / 2831

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the Assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**RECEPTOR BIOLOGIX, INC.**

Date: 8/11/2006

By: H. Michael Shepard

Title: President & Chief Scientific Officer

[Assignments on the Web](#) > [Patent Query](#)**Patent Assignment Abstract of Title**

**NOTE: Results display only for issued patents and published applications. For pending or abandoned applications please consult USPTO staff.**

**Total Assignments: 3**

Patent #: NONE Issue Dt:            Application #: 10813336 Filing Dt: 03/29/2004

Publication #: US20050069966 Pub Dt: 03/31/2005

Inventors: Stephen Grimes, John Little, Lorraine McLoughlin

Title: GASTRIN HORMONE IMMUNOASSAYS

**Assignment: 1**

Reel/Frame: 015465/0812 Recorded: 12/15/2004 Pages: 3

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: GRIMES, STEPHEN Exec Dt: 09/09/2004

Assignee: APHTON CORPORATION

26 HARTER AVENUE  
SUITE 14  
WOODLAND, CALIFORNIA 95776

Correspondent: WHITE & CASE LLP

ALGIS ANILIONIS  
1155 AVENUE OF THE AMERICAS  
NEW YORK, NY 10036

**Assignment: 2**

Reel/Frame: 015465/0775 Recorded: 12/15/2004 Pages: 3

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: LITTLE, JOHN Exec Dt: 11/24/2004

MCLOUGHLIN, LORRAINE

Assignee: HUNTINGDON LIFE SCIENCES LIMITED  
WOOLEY ROAD  
ALCONBURY, HUNTINGDON  
CAMBRIDGESHIRE PE28 4HS, ENGLAND

Correspondent: WHITE & CASE LLP

ALGIS ANILIONIS  
PATENT DEPARTMENT  
1155 AVENUE OF THE AMERICAS  
NEW YORK, NY 10036

**Assignment: 3**

Reel/Frame: 015465/0787 Recorded: 12/15/2004 Pages: 3

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: HUNTINGDON LIFE SCIENCES LIMITED Exec Dt: 11/25/2004

Assignee: APHTON CORPORATION  
26 HARTER AVENUE  
SUITE 14  
WOODLAND, CALIFORNIA 95776

Correspondent: WHITE & CASE LLP

ALGIS ANILIONIS  
PATENT DEPARTMENT  
1155 AVENUE OF THE AMERICAS  
NEW YORK, NY 10036

ASSIGNMENT

In consideration of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned Assignor hereby assigns to:

**RECEPTOR BIOLOGIX, INC., 1140 Veterans Boulevard, Suite A, South San Francisco, CA 94080, a corporation organized under the laws of Delaware (Assignee)**

its successors, legal representatives, and assigns, the entire right, title and interest in and to all subject matter owned by the undersigned Assignor that is disclosed in the patents and patent applications listed in Exhibit A attached hereto, except as provided for in a certain Collaboration and License Agreement between Assignor and Daiichi Pure Chemicals Co., Ltd., dated June 22, 2004 ("License Agreement").

The undersigned Assignor acknowledges that it has assigned, and transferred, and by these presents does hereby assign, and transfer, to Receptor Biologix, Inc., its successors, legal representatives, and assigns, the entire right, title, and interest, throughout the world, except as provided for in the License Agreement, in, to, and under the subject matter, and the Patents and Patent Applications, and all Patents that may be granted thereon, and all divisions, continuations, continuation-in-parts, reissues, reexaminations, renewals, and extensions thereof, and all International Convention and Treaty rights of all kinds, in all countries throughout the world, including the right to file national and regional patent applications directly in the name of the Assignee and to claim for any such applications any priority rights to which such applications are entitled under International Conventions, Treaties or otherwise, and all applications for Letters Patent that may hereafter be filed for said subject matter or for Patents and Patent Applications in any country or countries foreign to the United States.

The undersigned Assignor hereby authorizes and requests the United States Commissioner for Patents, and any Official of any country foreign to the United States, whose duty it is to issue patents on applications, to issue all Letters Patent for the subject matter, as well as all Patents resulting from the Patent Applications, to the Assignee, its successors, legal representatives, and assigns, in accordance with the terms of this agreement.

The undersigned Assignor assigns, transfers, and conveys to Receptor Biologix, Inc., its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned that may have accrued prior to the date of assignment or that may accrue hereafter, including, but not limited to, the right to bring suit for, collect and retain damages for past infringements of the issued Letters Patent.

The undersigned Assignor warrants himself the owner, or a legal representative of the owner, of the entire right, title and interest in the subject matter, except as provided for in the License Agreement, and to have the right to make this assignment.

For said considerations the undersigned Assignor hereby agrees, upon the request and at the expense of the Assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit, or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all

applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said Assignee, its successors or assigns may reasonably deem necessary or expedient, and for the consideration, the undersigned Assignor authorizes Receptor Biologix, Inc., to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said Assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned Assignor with said Assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of the preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the Assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said Assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned Assignor if this assignment had not been made.

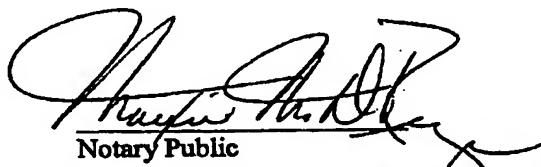
ASSIGNOR

Signature: David  
 Printed: Patricia T. Mooney  
 Title: CFO  
 For: Apton Corp

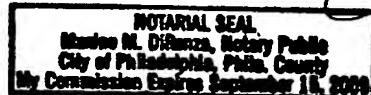
Commonwealth  
 STATE OF Pennsylvania  
 COUNTY OF Philadelphia) SS.

On August 10, 2006, before me, the undersigned, a notary public for the State of Pennsylvania, personally appeared Patricia T. Mooney, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.



Notary Public



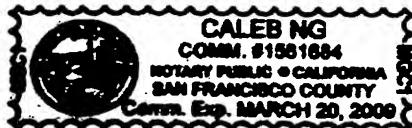
ASSIGNEE

Signature: Thomas A. Glaze  
Printed: THOMAS A. GLAZE  
Title: CEO  
For: RECEPTOR BIOLOGIX, INC.

STATE OF California )  
                        ) SS.  
COUNTY OF SAN MATEO )

On August 8, 2006, before me, the undersigned, a notary public for the State of California, personally appeared Thomas A. Glaze, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.



Caleb Ng  
Notary Public

## APHTON ASSIGNMENT NO. 2 TO RECEPTOR BIOLOGIX

## EXHIBIT A

PATENT NO. OR APPLICATION NO.	ISSUE DATE OR FILING DATE	TITLE	COUNTRY	ATTORNEY DOCKET NO.
60/6458,244	3/28/2003	GASTRIN HORMONE ASSAY	UNITED STATES	1102865-046 (W&C)
10/813,336	3/29/2004	GASTRIN HORMONE IMMUNOASSAYS	UNITED STATES	1102865-046 (W&C)
1020057018199	3/29/2004	GASTRIN HORMONE ASSAY	KOREA, REPUBLIC OF	1102865-046 (W&C)
2006-509465	3/29/2004	GASTRIN HORMONE ASSAY	JAPAN	1102865-046 (W&C)
2441CHENP2005	3/29/2004	GASTRIN HORMONE ASSAY	INDIA	1102865-046 (W&C)
04758368.2	3/29/2004	GASTRIN HORMONE ASSAY	EUROPE	1102865-046 (W&C)
200480008479	3/29/2004	GASTRIN HORMONE ASSAY	CHINA, PEOPLES REPUBLIC OF	1102865-046 (W&C)
2,520,010	3/29/2004	GASTRIN HORMONE ASSAY	CANADA	1102865-046 (W&C)
2004225437	3/29/2004	GASTRIN HORMONE ASSAY	AUSTRALIA	1102865-046 (W&C)
PCT/US04/009666	3/29/2004	GASTRIN HORMONE ASSAY	WPO	1102865-046 (W&C)